

CLAIMS

What is claimed is:

1. A flow control/shock absorbing seal comprising:
a housing with scoring at one or more predetermined locations and with two ends that are sealed to prevent leakage of liquids contained within it;
a seal comprising of a viscous substance inserted in the housing separating the liquid from the air thereby creating an air chamber;
wherein the flow control/shock absorbing seal will maintain the separation between the liquid and the air in the housing and transmit the shock experienced by the liquid during transportation to the air thereby dampening the pressure, and will control the flow of the liquid through the flow control/shock absorbing seal and out the container when the container is opened at the scoring at one or more predetermined locations.
2. A flow control/shock absorbing seal as in claim 1, wherein two flow control/shock absorbing seals are inserted at either end of the housing separating the liquid contained in the housing from air chambers at either end of the housing.
3. A flow control/shock absorbing seal as in claim 1, wherein the housing is sealed in a pressurized environment such that the air chamber sealed within it are pressurized.
4. A flow control/shock absorbing seal as in claim 2, wherein the housing is sealed in a pressurized environment such that the air chamber sealed within it are pressurized.
5. A flow control/shock absorbing seal comprising:
a housing with negatively pressurized interior space with scoring at two or more predetermined locations and with two ends that are sealed to maintain the negative pressure;

a seal comprising of a viscous substance inserted in the housing separating the housing into two air chambers;

wherein the flow control/shock absorbing seal will maintain the separation between the air chambers, and when one end of the housing is opened at the scoring at the predetermined location, the vacuum at the other end of the housing will suck any fluid place in contact with the open end of the housing into the housing after a predetermined delay, and when the other end of the housing is also opened, the collected liquid will be released at a controlled rate after a predetermined delay.

10058678-102601